

Attorney's Docket No.: 10559-391001/P10256 - ADI APD1812-1-US

Amendment to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method comprising:

fetching, by a first pipeline of a pipelined processor
~~defining, within a computer program,~~ loop conditions
corresponding to a particular instance of a loop setup
instruction for a first hardware loop;

first propagating a first of said loop conditions of said
first hardware loop corresponding to the particular instance of
a loop setup instruction via said a first pipeline of a
pipelined processor;

pipelining a second of said loop conditions from said first
pipeline of the pipelined processor to a second pipeline of the
pipelined processor; and

second propagating in parallel with said first propagating
the a second of said loop conditions for said first hardware
loop corresponding to the particular instance of a loop setup
instruction via said a second pipeline of the pipelined
processor.

2. (Previously Presented) The method of claim 1, further
comprising: